

State Project No. 118-0167

**CONSTRUCTION OF A REPAIR FACILITY
TOWN OF ROCKY HILL**

DESIGN REPORT

The Project consists of the construction of a repair facility located on Brook Street in Rocky Hill, Connecticut. The building work for the single story facility consists of the construction of (12) vehicle repair bays, (2) CNG/inspection bays, a weld shop, (2) lube bays, a lubricant storage room, a wash bay, a Stores Stockroom, an office area and equipment platform, a machine shop, an aerial bucket bay, (2) weld/fabrication shop bays, a parts washer room, and paint bays. The building is steel frame construction with exterior steel siding and brick.

The work includes concrete, masonry/split face masonry cavity walls, structural steel, steel joists, steel decking, wood, waterproofing, fireproofing, insulation, metal wall panels, PVC roofing, sheet metal, roof specialties and accessories, fireproofing, joint sealants, expansion control, doors and frames, coiling and sectional doors, aluminum and steel windows, hardware, glazing, louvers, metal framing and gypsum board, interior finishes, interior specialties, equipment, furnishings, fuel island and tank monitoring system, conveying equipment, prefabricated paint spray booth, prefabricated paint removal booth, fire suppression, plumbing systems, heating-ventilating-air conditioning systems, electrical systems, communications systems, and electronic safety and security systems. The work also includes the construction of a cold storage building and the installation of storage containers.

Site work associated with the new repair facility consists of sedimentation and erosion control; excavation, fill, and grading work to accommodate the buildings; removal and disposal of existing pavement; demolition and proper disposal of the small existing building, reserve salt shed, and motor fuel island; re-grading of site for storm runoff; installation of drainage structures; installation of new pavement and pavement markings; installation of a fuel island; the repair facility structure; installation of utilities; installation of pump stations; curbing; fencing; metal beam rail; exterior site lighting; and turf establishment. Site work also consists of the installation of a sanitary force main service and a gravity sewer extension on Brook Street in compliance with MDC Standards.

Environmental work associated with this facility includes work with polluted soils, including the removal of an underground storage tank system and the installation of a liner and sub-slab ventilation system. Such work will also include lead, asbestos, and polychlorinated biphenyl (PCB) abatement and the removal and disposal of regulated items removed during the demolition work, such as lights, ballasts, thermostats, and other similar items.

Permits: DEEP General Permit for Discharge of Stormwater and Dewatering Wastewaters (GPSD) from Construction Activities

Cost Code "H"